

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 70   | Romanauskas.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/03/22 19:14 |
| S2    | 70   | S1 and William.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2005/11/30 19:06 |
| S3    | 109  | Sheeran.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2005/11/30 19:06 |
| S4    | 25   | S3 and Edward.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2005/11/30 19:06 |
| S5    | 20   | ("2250666"   "2447330"  <br>"2878994"   "3071316"   "3133882"<br>  "3265296"   "4439177"  <br>"4537320"   "5395001"   "5558616"<br>  "5591114"   "5624370"  <br>"5692630"   "5816998").PN.  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 19:16 |
| S6    | 7    | ("5692630").URPN.   | USPAT                                     | OR               | OFF     | 2005/11/30 19:18 |
| S7    | 2    | ("6350225").URPN.   | USPAT                                     | OR               | OFF     | 2005/11/30 19:19 |
| S8    | 17   | ("4080175"   "4553955"  <br>"4571238"   "4585433"   "4690670"<br>  "4718885"   "4832678"  <br>"4944721"   "4956148"   "5171531"<br>  "5382219"   "5382220"  <br>"5411465"   "5721141"   "5901873"<br>  "5935052"   "6350225").PN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 19:20 |
| S9    | 20   | ("2250666"   "2447330"  <br>"2878994"   "3071316"   "3133882"<br>  "3265296"   "4439177"  <br>"4537320"   "5395001"   "5558616"<br>  "5591114"   "5624370"  <br>"5692630"   "5816998").PN.  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 21:35 |
| S10   | 42   | ((lock near5 key) near3 cap) and<br>container   | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 21:53 |
| S11   | 15   | S10 and seal  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 21:52 |
| S12   | 927  | ((finger) near3 cap) and container  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | OFF     | 2005/11/30 21:53 |

## EAST Search History

|     |       |   |   |     |     |                  |
|-----|-------|---|---|-----|-----|------------------|
| S13 | 499   | S12 and seal  | US-PGPUB;<br>USPAT;<br>USOCR              | OR  | OFF | 2005/11/30 21:53 |
| S14 | 30    | S13 and "422"   | US-PGPUB;<br>USPAT;<br>USOCR              | OR  | OFF | 2005/11/30 21:54 |
| S15 | 1     | "20010001474"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR  | OFF | 2006/01/06 16:27 |
| S16 | 2     | "6872358"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR  | OFF | 2007/03/22 19:14 |
| S17 | 16    | ("1838348"   "2421509"  <br>"2789002"   "3143266"   "3194461"<br>  "3857598"   "3964126"  <br>"3990596"   "4305584"   "4941579"<br>  "5038948").PN.   | US-PGPUB;<br>USPAT;<br>USOCR              | AND | ON  | 2007/03/22 19:29 |
| S21 | 97839 | (container\$2 and cap\$2) and seal\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON  | 2007/03/22 20:45 |
| S22 | 7811  | S21 and (finger\$2 same cap)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON  | 2007/03/22 20:46 |
| S23 | 792   | S22 and (O near4 ring\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON  | 2007/03/22 20:46 |
| S24 | 8     | ("2620938").URPN.   | USPAT                                     | AND | ON  | 2007/03/22 20:48 |
| S25 | 9     | ("4800156").URPN.   | USPAT                                     | AND | ON  | 2007/03/26 13:07 |
| S26 | 12    | ("4625890").URPN.   | USPAT                                     | AND | ON  | 2007/03/26 13:22 |
| S27 | 22    | ("0857698"   "0899429"  <br>"1068446"   "1628082"   "1705445"<br>  "2438671"   "2480096"  <br>"2551203"   "3338456"   "3476287"<br>  "4625890"   "4817964").PN.   | US-PGPUB;<br>USPAT;<br>USOCR              | AND | ON  | 2007/03/26 13:24 |
| S28 | 2     | ("6000585").URPN.   | USPAT                                     | AND | ON  | 2007/03/26 13:25 |
| S29 | 41    | ("4823967").URPN.   | USPAT                                     | AND | ON  | 2007/03/26 13:26 |
| S30 | 18    | ("2889079"   "3343698"  <br>"3572413"   "3612324"   "3784038"<br>  "3817418"   "4494682"  <br>"4549066"   "4699285"   "4771905"<br>  "4773560"   "4823967"  <br>"4830234"   "4917270"  <br>"4974749").PN. | US-PGPUB;<br>USPAT;<br>USOCR              | AND | ON  | 2007/03/26 13:27 |

## EAST Search History

|     |    |  |  |     |    |                  |
|-----|----|--|--|-----|----|------------------|
| S31 | 8  | ("2889079").URPN.  | USPAT  | AND | ON | 2007/03/26 13:29 |
| S32 | 12 | ("4984698").URPN.  | USPAT  | AND | ON | 2007/03/26 13:35 |
| S33 | 26 | ("2681559"   "2816433"  <br>"3373894"   "3998078"   "4107960"<br>  "4107961"   "4132091"  <br>"4231240"   "4280347"   "4299102"<br>  "4342208"   "4453388"  <br>"4676390"   "4765505"   "4984698"<br>  "5183173"   "5381919"  <br>"5449086"   "5520300"   "5540347"<br>  "5638975"   "5791507"  <br>"5794806").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | AND | ON | 2007/03/26 13:36 |
| S34 | 21 | ("3365088"   "3376992"  <br>"3447709"   "3582535"   "3743127"<br>  "3935963"   "4037747"  <br>"4103797"   "4207982"   "4331247"<br>  "4690292"   "4732288"  <br>"4752014"   "4967926"   "5024865"<br>  "5029699"   "5096083"  <br>"5125538").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | AND | ON | 2007/03/26 14:08 |
| S35 | 36 | (flange near4 (neck near4<br>(container or bottle))) and (O near2<br>ring\$2) and handle   | US-PGPUB;<br>USPAT;<br>USOCR   | AND | ON | 2007/03/26 14:09 |
| S36 | 20 | ("5139182").URPN.  | USPAT  | AND | ON | 2007/03/26 14:12 |
| S37 | 0  | ("2003/0119645").URPN.   | USPAT  | AND | ON | 2007/03/26 14:51 |
| S38 | 4  | ("2690861" "4380304" "5078291" "6050434").PN.  | USPAT  | AND | ON | 2007/03/26 14:52 |
| S39 | 17 | ("20020088813" "20020104843" "3272368" "3651992" "3695476" "4667839" "4718567" "4765506" "4782964" "4809874" "5031784" "5083671" "5197624" "5305900" "5335802" "5392938" "5582314" "5863655" "6299005").PN.  | USPAT  | AND | ON | 2007/03/26 14:52 |
| S40 | 42 | ("20020088813" "20020104843" "3272368" "3651992" "3695476" "4667839" "4718567" "4765506" "4782964" "4809874" "5031784" "5083671" "5197624" "5305900" "5335802" "5392938" "5582314" "5863655" "6299005").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/26 16:23 |
| S41 | 10 | 215/296 and (o near2 ring) and<br>thread\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/26 16:23 |

## EAST Search History

|     |    |  |                              |     |    |                  |
|-----|----|--|------------------------------|-----|----|------------------|
| S42 | 16 | ("2921708"   "3071316"  <br>"3265296"   "4076170"   "4080175"<br>  "4290550"   "4304356"  <br>"5127895"   "5288466"   "5361922"<br>  "5384096"   "5395001"  <br>"5720925").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 16:27 |
| S43 | 14 | ("3265296").URPN.  | USPAT                        | AND | ON | 2007/03/26 16:29 |
| S44 | 20 | ("2250666"   "2447330"  <br>"2878994"   "3071316"   "3133882"<br>  "3265296"   "4439177"  <br>"4537320"   "5395001"   "5558616"<br>  "5591114"   "5624370"  <br>"5692630"   "5816998").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 16:36 |
| S45 | 2  | ("6350225").URPN.  | USPAT                        | AND | ON | 2007/03/26 16:41 |
| S46 | 20 | ("3071316").URPN.  | USPAT                        | AND | ON | 2007/03/26 16:41 |
| S47 | 24 | ("3998383").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:45 |
| S48 | 19 | ("4076170").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:50 |
| S49 | 7  | ("4222513").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:52 |
| S50 | 7  | ("4396381").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:53 |
| S51 | 5  | ("4235367").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:56 |
| S52 | 0  | ("4395256").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:57 |
| S53 | 0  | ("4395256").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:57 |
| S54 | 14 | ("4451250").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:58 |
| S55 | 6  | ("4585433").URPN.  | USPAT                        | AND | ON | 2007/03/26 17:59 |
| S56 | 29 | ("3556303"   "3820546"  <br>"4119407"   "4439177"   "4531652"<br>  "4585433"   "4822331"  <br>"5147055"   "5224515"   "5316731"<br>  "5361922"   "5395001"  <br>"5397471"   "5480484"   "5490830"<br>  "5728038"   "5785925"  <br>"5855289"   "5899349"   "5901873"<br>  "5961086"   "6062407"  <br>"6085946"   "6149570"   "6299038"<br>  "6387030"   "6458067"  <br>"RE36341").PN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 17:59 |
| S57 | 17 | ("0718643"   "3339772"  <br>"3924772"   "4076170"   "4080175"<br>  "4304356"   "4844273"  <br>"5127895"   "5291783"   "5325977"<br>  "5361922"   "5395001"  <br>"5458252"   "5499735"  <br>"5732837").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 18:02 |
| S58 | 22 | ("4844273").URPN.  | USPAT                        | AND | ON | 2007/03/26 18:04 |
| S59 | 1  | ("D379588").URPN.  | USPAT                        | AND | ON | 2007/03/26 18:05 |
| S60 | 8  | ("5101993").URPN.  | USPAT                        | AND | ON | 2007/03/26 18:08 |

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|     |     |   |                              |     |    |                  |
|-----|-----|---|------------------------------|-----|----|------------------|
| S61 | 55  | ("2715480"   "2768762"   "3074579"   "3180534"   "3203571"   "3215297"   "3232470"   "3255907"   "3286866"   "3339773"   "3360149"   "3435975"   "3463340"   "3482725"   "3532244"   "3536224"   "3568871"   "3770156"   "3802590"   "3815771"   "3844439"   "3871545"   "3888373"   "3979001"   "4032492"   "4084716"   "4143785"   "4241864"   "4276989"   "4442947"   "4550862"   "4556603"   "4560077"   "4697716"   "4706829"   "4844273"   "4844302"   "4907709"   "4955504").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 18:09 |
| S62 | 29  | ("3871545").URPN.   | USPAT                        | AND | ON | 2007/03/26 18:15 |
| S63 | 20  | ("3071316").URPN.   | USPAT                        | AND | ON | 2007/03/26 18:32 |
| S64 | 20  | ("3071316").URPN.   | USPAT                        | AND | ON | 2007/03/26 18:43 |
| S65 | 197 | (handle near3 thread\$2) and (seal\$2 and (O near2 ring\$2)) and retainer   | USPAT                        | AND | ON | 2007/03/26 18:44 |
| S66 | 74  | ("0357272"   "0469613"   "1619120"   "1637635"   "2013358"   "2213057"   "2412544"   "2500363"   "2687158"   "2738907"   "2828982"   "3067787"   "3299442"   "4004614"   "4089447"   "4090650"   "4193518"   "4274566"   "4420097"   "4526298"   "4614267"   "4629098"   "4688643"   "4739905"   "4739913"   "4758099"   "4848660"   "4941598"   "5060833"   "5062591"   "5085349"   "5088994"   "5114059"   "5115947"   "5125919"   "5228609"   "5259844"   "5282557"   "5301858"   "5348184"   "5400934"   "5573135"   "5577647"   "5727714"   "5803333"   "5806726"   "5816457"   "5938081"   "6003738"   "6039305"   "6070767"   "6247619"   "6352235"   "6675998"   "D237018"   "D263870"   "D271805"   "D304546"   "D396630"   "D398776").PN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/26 18:56 |
| S67 | 30  | ("3067787").URPN.   | USPAT                        | AND | ON | 2007/03/26 19:05 |
| S68 | 13  | ("3622041").URPN.   | USPAT                        | AND | ON | 2007/03/26 19:17 |
| S69 | 276 | Haywood.in.   | USPAT                        | AND | ON | 2007/03/26 19:17 |

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|     |    |  |   |     |    |                  |
|-----|----|--|---|-----|----|------------------|
| S70 | 2  | S69 and Handy.xa.  | USPAT                                     | AND | ON | 2007/03/26 19:17 |
| S71 | 46 | ("20010017271"   "2302698"  <br>"3460552"   "4009777"   "4205747"<br>  "4220252"   "4257521"  <br>"4277172"   "4326306"   "4423809"<br>  "4439319"   "4697697"  <br>"4721124"   "4750610"   "4801553"<br>  "4838413"   "4844242"  <br>"5019084"   "5061452"   "5101967"<br>  "5143104"   "5181604"  <br>"5269671"   "5281227"   "5388686"<br>  "5409833"   "5424040"  <br>"5427742"   "5518612"   "5532168"<br>  "5533642"   "5543114"  <br>"5558846"   "5609827"   "5665398"<br>  "5681740"   "5817032"  <br>"5928935"   "5941260"   "6017476"<br>  "6074614"   "6256089"  <br>"6375028"   "6513673").PN. | US-PGPUB;<br>USPAT;<br>USOCR              | AND | ON | 2007/03/26 19:20 |
| S72 | 18 | ("2051349"   "2880856"  <br>"3950227"   "4061134"   "4211325"<br>  "4377077"   "4501360"  <br>"4736850"   "4844242"   "4892538"<br>  "4951482"   "5002661"  <br>"5106627"   "5156844"   "5158881"<br>  "5182111").PN.  | US-PGPUB;<br>USPAT;<br>USOCR              | AND | ON | 2007/03/26 19:23 |
| S73 | 0  | ("7147826").URPN.  | USPAT                                     | AND | ON | 2007/03/26 19:47 |
| S74 | 23 | (lug near4 container) and<br>centrifuge  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | AND | ON | 2007/03/27 12:00 |